

METHOD AND SYSTEM FOR HIGH SPEED DIGITAL METERING

Abstract of the Disclosure

A system and a method to control the motion of envelopes within a postage printing module to accommodate the use of slower print techniques and to achieve continuous high speed throughput in a mail processing system. At least two print heads in series are utilized to ensure continuous printing operation, even when a print head must be taken out of service for maintenance, or fails. Depending on which print head is in used, different sets of transport elements in the print module are used to effectuate the motion profile appropriate for the print head that is in operation. Based on the status of the print heads, a controller selectively groups different individual transport elements together to act in unison for the motion control. Print heads may be geared to operate in synchronism with the motion of the print transport